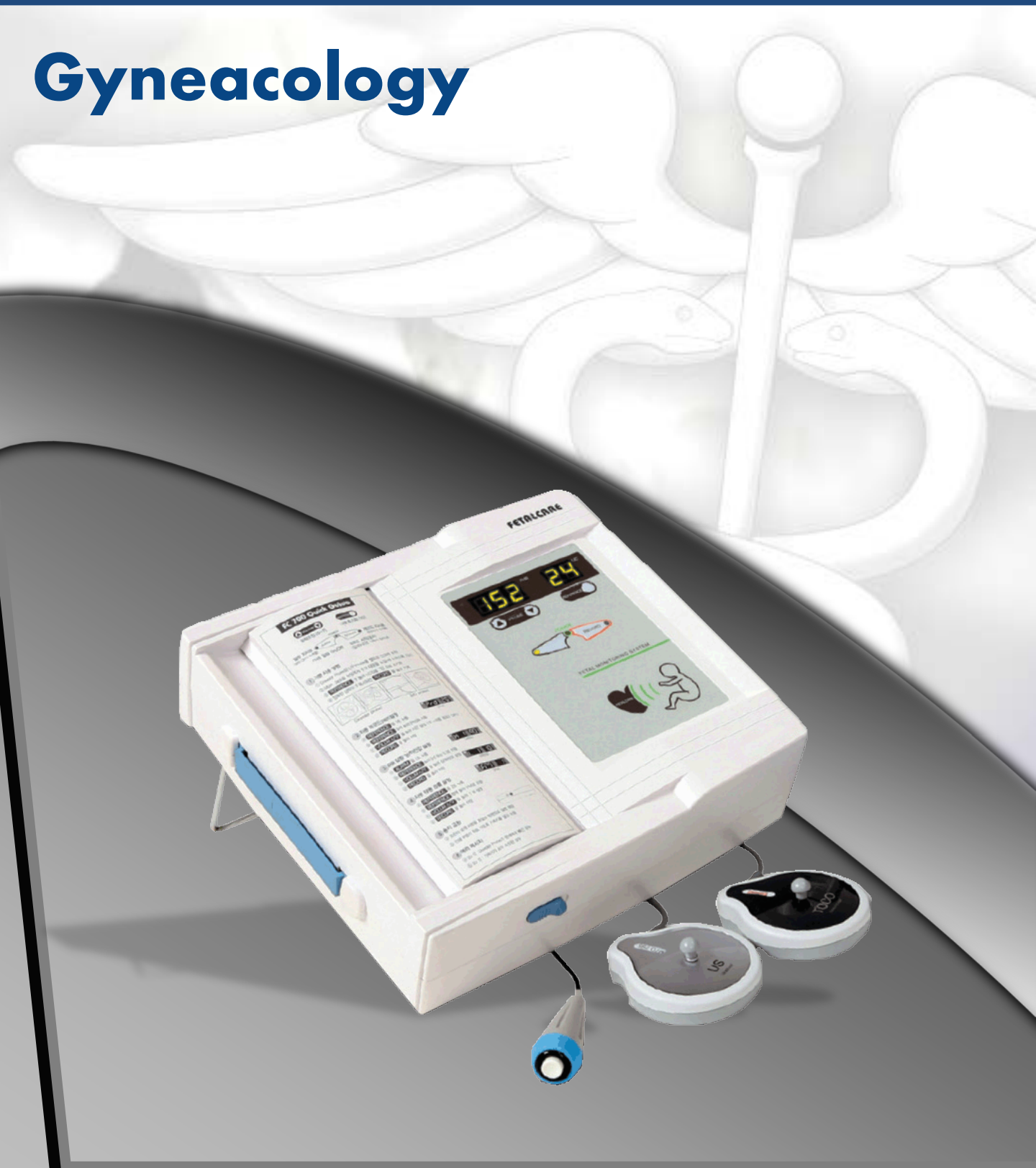
ALGAMED INDUSTRY
MEDICAL DEVICES

Gyneacology



Alltion LED Colposcope - 3.75X - 7X - 15X - > 28000 lux

A high quality and complete colposcope that offers excellent optics and cold, long life white light. Compact, lightweight and easy to use it offers superior quality at a very competitive price. Thanks to a special universal Teflon® ball joint, it gives to user 360° easy motion for gross focus. Comes completely assembled and ready for use.

Technical Specifications

- Magnification 3.75X - 7X - 15X
- Focus length: 300 mm
- Field of view: diameter 30.93/15.50/7.74 mm
- Depth of field: > 18/4/2 mm
- Light intensity: > 28.000 lux
- Interchangeable adjustable eyepiece 12.5X
- Illumination: long life 5.9V / 5W LED
- Superior optics with individually adjustable eyepiece
- Built-in rheostat for brightness adjustment
- Easily changeable, LED bulb
- User-selectable built-in green filter
- Two (gross/fine) focus adjustment handles
- Two (gross/fine) height adjustment handles (838-1194 mm)
- Smooth action control
- Main Power:110V/220V
- Roller base for easy movement

Alltion LED Colposcope - 9X - 10000 lux

A high quality and complete colposcope that offers excellent optics and cold, long life white light. Compact, lightweight and easy to use it offers superior quality at a very competitive price. Thanks to a special universal Teflon® ball joint, it gives to user 360° easy motion for gross focus. Comes completely assembled and ready for use.

Technical Specifications

- Magnification 9X
- Focus length: 316 mm
- Field of view: diameter 22 mm
- Depth of field: > 4 mm
- Light intensity: > 10.000 lux
- Interchangeable adjustable eyepiece 12.5X
- Illumination: long life 5.9V / 5W LED
- Superior optics with individually adjustable eyepiece
- Built-in rheostat for brightness adjustment
- Easily changeable, LED bulb
- User-selectable built-in green filter
- Two (gross/fine) focus adjustment handles
- Two (gross/fine) height adjustment handles (838-1194 mm)
- Smooth action control
- Main Power:110V/220V
- Roller base for easy movement

Colpro Digital Video Colposcope

COLPRO digital video colposcope is known for its ruggedness, versatility, precision and ease of use. These devices incorporate latest digital signal processing technology to provide high resolution images for effective colposcopy diagnosis & treatment.

- Wide auto focus range: Automatically focuses on the object up to 30 cm irrespective of the patient movement during procedure
- Electronic green filter: Enhances vascular discrimination without any light loss
- Continuous zoom: 1-40X zoom range allows you to examine the cervix at a desired level of magnification
- E-flip & mirror image: Powerful functions which ensure extended attention to the minutest details
- High MCD super bright shadowless light: Improves the quality of image which has 6000° K colour temperature to produce natural colour of tissues & vessels
- 1.200.000 pixels: Unmatched & crystal clear image. Delivers excellent image quality in its class
- Magnification & real time display: Real time display of magnification & acetic acid test timer helps to see the best image at desired magnification level.
- 2-video output: Output can be taken on two different video monitors computers simultaneously
- Universal connector: Can be connected to any monitor with y/c or BNC video input.

Technical Specifications

- Image processor: Sony colour CCD
- Pixels: 1.200.000
- Resolution: 825 TV Lines
- E-flip: yes
- Mirror image: yes
- Electronic Shutter: automatic
- S/N ratio: >48 db
- Illumination: high MCD super bright white shadowless LED light
- Colour temperature: 7000° K
- Test timer: yes
- Electronic green filter: yes (5 steps)
- Focus: automatic or manual
- Focus distance: 20-30 cm
- Zoom: 1-45X
- Viewing area: Ø 170 mm - 10 mm
- Depth of view: Ø 200 mm - 5 mm
- Magnification display: Yes
- Video output: SD: 1 x y/c 1 x BNC composite
- Safety standard: complies to IEC 60601 including EMC
- Power supply: 100-240 VAC, 50/60 Hz

Colposcope

Gima Colposcope Coply

Easy to use halogen colposcope mounted on a 5 wheels base. Adjustable height.

Technical Specifications

- Magnifying: 6.2X with standard 10X eyepieces
- Optic system: stereo with inter-pupil adjustment and optic head at 45°
- Illumination: halogen dicroic bulb 12V - 12W
- Working distance: 26 cm
- Operating voltage: 230 V (available on request 115)
- Norms: CLASS I Type B - IEC 601-1 CE 93/42/EEC
- Made in Italy

Gima Foetal Doppler Baby Sound

This device allows hearing the heartbeat of a foetus from a built-in speaker as early as 10~12 weeks, and warns in case of serious problems of the foetus. For home and hospital use. Supplied with gel bottle, 3 AA batteries and user manual.

Main Features

- Portable and lightweight
- Built-in speaker to hear foetal heartbeats
- Numeric and trend curve display for FHR
- Automatic power-off function
- Backlight LCD display
- Date, time, battery status display
- Audible & visual FHR alarm
- Audio-out interface
- Foetal monitor DSP technology
- High-sensitivity probe
- 1 MHz working frequency

Technical Specifications

- Ultrasound working frequency: 1MHz ± 5%
- Foetal heart rate: range: 50-210 bpm
- Resolution: 1 bpm
- Accuracy: ± 2 bpm
- Alarm: - high limit: 160 bpm
  - low limit: 120 bpm
- Ultrasound intensity: < 5 mm/cm2
- Dimension: 145 x 74 x 29 mm
- Weight: 350 g
- Power supply: 3 AA Batteries

Foetal Doppler Sonotrax Basic

Pocket ultrasound Doppler. Thanks to its small dimensions and light weight this device is easy to carry and transport. Innovative design allows easy use of embedded features without compromising on sophistication. This device presents advanced functionalities typical of professional medical equipment. Precise foetal heart rate measurement with crystal clear audio quality. Advanced energy saving (through automatic switch-off).

Additional Features

- Interchangeable probes
- FHR display
- Probe auto-detection display
- Low battery indication
- Probe not included

Technical Specifications

- Size: 32 x 85 x 138 mm
- Weight: 290 g - including battery
- Heart rate range: 50 - 210 bpm
- Resolution: 1 bpm
- LCD Display 45x25 mm
- Audio sampling frequency: 4 KHz / 8 KHz
- Recording length: 480s / 240s
- Audio output power: 0.5 w
- Auto shut-off after 1 minute

Foetal Doppler Sonotrax Lite

Pocket ultrasound Doppler. Thanks to its small dimensions and light weight this device is easy to carry and transport. Innovative design allows easy use of embedded features without compromising sophistication. This device presents advanced functionalities typical of professional medical equipment. Precise foetal heart rate measurement with crystal clear audio quality. Advanced energy saving (through automatic switch-off).

Additional Features

- Interchangeable probes
- Low battery indication
- Probe not included

Technical Specifications

- Size: 32 x 85 x 138 mm
- Weight: 290 g - including battery
- Heart rate range: 50 - 210 bpm
- Resolution: 1 bpm
- LCD Display 45x25 mm
- Audio sampling frequency: 4 KHz / 8 KHz
- Recording length: 480s / 240s
- Audio output power: 0.5 w
- Auto shut-off after 1 minute

Gima Foetal Doppler D2002

Small, lightweight, high sensitivity pocket Doppler, with 2 MHz foetal probe, ideal for General Practitioner's or Midwife's use for routine antenatal foetal detection. Pocket Doppler can be used to detect the beating foetal heart from about 10th week of gestation. It may be used to locate the position of the placenta, thus aiding in the early diagnosis of placenta praevia, to survey blood flow of the umbilical cord and to diagnose multiple pregnancies. Foetal signals are easily located using the lightweight narrow beam transducer while internal signal processing minimizes noise artefacts. Audio foetal heart signals are available to the user via the built-in loudspeaker or option headset, with output level controlled by rotary volume control.

Technical Specifications

- Ultrasound Frequency: 2 MHz continuous wave
- Transducer: 2 crystal narrow beam
- Output power: <10mW/mm² SATA
- Audio Response 300Hz -1 KHz
- Unit Controls Keys: 1 Key (for unit on/off)
- Controls : rotary volume
- Battery low icon
- Power supply: Battery 9 V Alkaline Manganese
- Expected battery life: >9 hours
- Output Headset: Audio output to optional headset
- Material: ABS / Noryl
- Size: 150 x 75 mm
- Weight: 295 g (with transducer)
- Classification: Class I Type B - IEC 60601-I 0120
- Warranty: 1 year
- Made in UK

Gima Foetal Doppler D2003 - with Display

Pocket foetal Doppler with built-in foetal heart rate processing. Foetal heart rate (FHR) is displayed on a large LCD display whilst internal signal process minimises the noise artefacts. Supplied in a nice bag with a tube of coupling gel. User manual in English, Spanish, French, German, Italian.

Technical Specifications

- Ultrasound Frequency: 2 MHz continuous wave
- Transducer: 2 crystal narrow beam
- Output power: < 10mW/mm² SATA
- Audio Response 300Hz -1 KHz
- Foetal heart rate: multipoint real time auto-correlator
- Unit Controls Keys: 1 Key (for unit on/off)
- Controls : rotary volume
- Indicators: 3 digit FHR LCD display
- FHR pulse icon, Battery low icon
- Power supply: Battery 9 V Alkaline Manganese
- Expected battery life: > 6 hours
- Output Headset: Audio output to optional headset
- Serial: RS232 interface -jack 35 mm
- Material: ABS / Noryl
- Size: 150 x 75 mm
- Weight: 295 g (with transducer)
- Classification: Class I Type B - IEC 60601-I 0120
- Warranty: 1 year
- Made in UK

Foetal Monitor Gima FC 700

Cost-effective single foetal monitor.

Extreme ultrasound Doppler sensitivity:	High-accuracy with 1 Mhz frequency; Automatic/manual Foetal Movement detection; Auto NST (Non-stress test) function from 10 min. to 1 hour. 1 h
Data printout:	CTG analysis printing; A4 size chart paper with perforation line; Plain thermal fax paper usable; Print speed 1, 2, 3 cm/min
Easy-to-use:	One- touch operation and easy setup; Alarm function (FHR high-low); s/w upgrade via internet

Technical Specifications

- Doppler: - Pulsed Doppler; - Ultrasound frequency: 1.0 MHz; - Intensity: <10mW/cm2; - FHR range: 50-240 bpm (± 1 bpm)
- Foetal movement: - Detection source: Ultrasound pulsed Doppler
- UC: - Frequency response: DC 0.5 Hz; - Reference (zero) control; - Measurement range: 0~99 units
- Printer: - Thermal array type; - Print speed: 1, 2, 3 cm/min; - Paper feeding function
- Display: - 7-segment LED; - 2 channels (HR, UC)
- Indicators: - Heart rhythm with signal quality; - Alarm, printing on/off state; - AC power
- Set-up: - Alarm upper/low limit value; - Record speed, paper grid, Foetal; - Movement On/Off, Time/Date, Print contrast, Auto print period
- Power: - Input: AC 100-240V (50/60 Hz); - Output: DC 18V, 2.5A; - Consumption: 80W
- Dimensions: - 296(W)x 305.5(H) x 92.5(D)mm; - Weight: approx 2.9 kg
- External link: - RS-232C: Program Download

Analysis Function

- Period: test period
- Average baseline FHR (bpm)
- Number of UC (frequency / h)
- Number of acceleration (frequency / h)
- Number of deceleration (frequency / h)
- Late DEC: number of late deceleration
- Early DEC: number of early deceleration
- Variable DEC: number of variable deceleration
- TACHY: moderate (>160 bpm): period of that FHR is between 160~190 (minutes)
- TACHY: severe (>190 bpm): period of that FHR is over 190 (minutes)
- BRADY: moderate (<110 bpm): period of that FHR is between 90~110 (minutes)
- BRADY: severe (<90 bpm): period of that FHR is lower than 90 (minutes)

Standard Accessories

- Doppler transducer
- Toco transducer
- Event marker
- Printer paper
- Gel
- Belts
- Manual

PC-8000 Pro Single Foetal Monitor

Maternal foetal monitor suitable for hospital use.

Main Features

- 12.1” High-brightness TFT display (800 x 600 pixel)
- Parameters: ECG, SpO2, NIBP, TEMP, RESP, PR, FHR, TOCO & FM
- Rotatable screen viewed from different directions and 5 different styles of operation display
- Equipped with reliable, high sensitivity, 12-element pulse Doppler transducer
- FHR and TOCO trend review
- Store and view of 48-hour monitoring data
- Built-in Linux operation system
- Built-in high-speed thermal printer
- Internal rechargeable Li-ion battery
- Visual and audible alarms
- Internal software in English

Standard Accessories

- 1 Ultrasonic probe
- 1 Uterine contraction probe
- 1 Foetal movement probe
- 2 Abdominal belts
- 1 Ultrasonic coupling gel
- 1 ECG cable
- 1 Blood pressure cuff
- 1 Blood oxygen probe
- 1 Body temperature probe
- 1 Power cable
- 1 Grounding wire
- 10 Disposable electrode
- 1 User Manual (English, Italian)

PC-8000 Pro Twins Foetal Monitor

Maternal foetal monitor suitable for hospital use.

Main Features

- 12.1” High-brightness TFT display (800 x 600 pixel)
- Parameters: ECG, SpO2, NIBP, TEMP, RESP, PR, FHR, TOCO & FM
- Rotatable screen viewed from different directions and 5 different styles of operation display
- Equipped with reliable, high sensitivity, 12-element pulse Doppler transducer
- FHR and TOCO trend review
- Store and view of 48-hour monitoring data
- Built-in Linux operation system
- Built-in high-speed thermal printer
- Internal rechargeable Li-ion battery
- Visual and audible alarms
- Internal software in English

Standard Accessories

- 1 Ultrasonic probe
- 1 Uterine contraction probe
- 1 Foetal movement probe
- 2 Abdominal belts
- 1 Ultrasonic coupling gel
- 1 ECG cable
- 1 Blood pressure cuff
- 1 Blood oxygen probe
- 1 Body temperature probe
- 1 Power cable
- 1 Grounding wire
- 10 Disposable electrode
- 1 User Manual (English, Italian)

FC1400 Single Foetal Monitor

Superior data display
- 320 x 240 colour LCD viewer (4.3 inch)
- FHR and automatic foetal movement detection
- 12 hours of memory capacity
- Recommended after week 30

Extreme data accuracy and access
- High-accuracy and wide detection area
- Easy on-screen scrolling function
- Endurable watertight probes, 1 MHz

Printout
- CTG analysis printing
- Both standard and A4 size paper usable
- Normal fax paper usable
- High speed printout (50 cm/min)

Other advantages
- Wireless central monitoring up to 8 beds (Option)
- PC compatible
- Internal battery lasting 2-hours (Option)
- Power adapter 100-240 V, 50-60 Hz

Technical Specifications

- Doppler: Pulsed Doppler; Ultrasound frequency: 1.0 MHz; Intensity: <10mW/cm2; FHR range: 50-240 bpm (± 1 bpm)
- Foetal movement: Detection source: Ultrasound pulsed Doppler
- UC: Frequency response: DC 0.5 Hz; Reference (zero) control; Measurement range: 0~99 units
- Printer: Thermal array type; Print speed: 1, 2, 3 cm/min; Paper feeding function
- Display: 320 x 240 Colour LCD
- Indicators: Heart rhythm with signal quality; - Alarm, printing on/off state; - AC power
- Set-up: Alarm upper/low limit value; - Record speed, paper grid, Foetal; - Movement On/Off, Time/Date, Print contrast, Auto print period
- Power: Input: AC 100-240V (50/60 Hz); - Output: DC 18V, 2.5A; - Consumption: 80W
- Dimensions: 296(W)x 305.5(H) x 92.5(D)mm; - Weight: approx 3.2 kg
- External link: RS-232C: Program Download

Analysis Function

- Period: test period
- Average baseline FHR (bpm)
- Number of UC (frequency / h)
- Number of acceleration and deceleration (frequency / h)
- Late DEC: number of late deceleration
- Early DEC: number of early deceleration
- Variable DEC: number of variable deceleration
- TACHY: moderate (>160 bpm): period of that FHR is between 160~190 (min.)
- TACHY: severe (>190 bpm): period of that FHR is over 190 (min.)
- BRADY: moderate (<110 bpm): period of that FHR is between 90~110 (min.)
- BRADY: severe (<90 bpm): period of that FHR is lower than 90 (min.)

Standard Accessories

- 1 Doppler transducer, 1 Toco transducer
- Event marker
- Printer paper
- Gel
- Belts
- Manual

FC1400 Twins Foetal Monitor

Superior data display
- 320 x 240 colour LCD viewer (4.3 inch)
- FHR and automatic foetal movement detection
- 12 hours of memory capacity
- Recommended after week 30

Extreme data accuracy and access
- High-accuracy and wide detection area
- Easy on-screen scrolling function
- Endurable watertight probes, 1 MHz

Printout
- CTG analysis printing
- Both standard and A4 size paper usable
- Normal fax paper usable
- High speed printout (50 cm/min)

Other advantages
- Wireless central monitoring up to 8 beds (Option)
- PC compatible
- Internal battery lasting 2-hours (Option)
- Power adapter 100-240 V, 50-60 Hz

Technical Specifications

- Doppler: Pulsed Doppler; Ultrasound frequency: 1.0 MHz; Intensity: <10mW/cm2; FHR range: 50-240 bpm (± 1 bpm)
- Foetal movement: Detection source: Ultrasound pulsed Doppler
- UC: Frequency response: DC 0.5 Hz; Reference (zero) control; Measurement range: 0~99 units
- Printer: Thermal array type; Print speed: 1, 2, 3 cm/min; Paper feeding function
- Display: 320 x 240 Colour LCD
- Indicators: Heart rhythm with signal quality; - Alarm, printing on/off state; - AC power
- Set-up: Alarm upper/low limit value; - Record speed, paper grid, Foetal; - Movement On/Off, Time/Date, Print contrast, Auto print period
- Power: Input: AC 100-240V (50/60 Hz); - Output: DC 18V, 2.5A; - Consumption: 80W
- Dimensions: 296(W)x 305.5(H) x 92.5(D)mm; - Weight: approx 3.2 kg
- External link: RS-232C: Program Download

Analysis Function

- Period: test period
- Average baseline FHR (bpm)
- Number of UC (frequency / h)
- Number of acceleration and deceleration (frequency / h)
- Late DEC: number of late deceleration
- Early DEC: number of early deceleration
- Variable DEC: number of variable deceleration
- TACHY: moderate (>160 bpm): period of that FHR is between 160~190 (min.)
- TACHY: severe (>190 bpm): period of that FHR is over 190 (min.)
- BRADY: moderate (<110 bpm): period of that FHR is between 90~110 (min.)
- BRADY: severe (<90 bpm): period of that FHR is lower than 90 (min.)

Standard Accessories

- 2 Doppler transducer, 1 Toco transducer
- Event marker
- Printer paper
- Gel
- Belts
- Manual